

FILE 'REGISTRY' ENTERED AT 17:45:53 ON 06 DEC 2007

```
L1          0 S CALCIUM BENTONITE/CN
              E BENTONITE/CN
L2          1 S E3
L3          1 S ALUMINUM HYDROXIDE/CN
L4          1 S COPPER SULFATE/CN
L5          0 S COPPER NITRATE/CN
              E COPPER NITRATE/CN
L6          0 S E3 AND E4
L7          0 S L6 AND E5
L8          1 S E3 OR E4
              E L8 OR E5
```

FILE 'CAPLUS' ENTERED AT 17:48:40 ON 06 DEC 2007

=> s l2 and l3 and l8

```
          0 L2
        28371 L3
          145 L8
L9          0 L2 AND L3 AND L8
```

=> s l2 and l3

```
          0 L2
        28371 L3
L10         0 L2 AND L3
```

=> s l3

```
L11        28371 L3
```

=> s l11 and (layered or pillared)

```
        74918 LAYERED
        3534 PILLARED
L12        298 L11 AND (LAYERED OR PILLARED)
```

=> s l12 and solid state

```
        1108351 SOLID
        292777 SOLIDS
        1323476 SOLID
              (SOLID OR SOLIDS)
        1457522 STATE
        566908 STATES
        1786446 STATE
              (STATE OR STATES)
        171455 SOLID STATE
              (SOLID(W) STATE)
L13        13 L12 AND SOLID STATE
```

```

=> s l13 and pd<20030929
    23827340 PD<20030929
        (PD<20030929)
L14          6 L13 AND PD<20030929

=> s l13 and calci?
    1018510 CALCI?
L15          1 L13 AND CALCI?

s solid state ion exchange
    1108351 SOLID
    292777 SOLIDS
    1323476 SOLID
        (SOLID OR SOLIDS)
    1457522 STATE
    566908 STATES
    1786446 STATE
        (STATE OR STATES)
    1234128 ION
    759384 IONS
    1630630 ION
        (ION OR IONS)
    593411 EXCHANGE
    17919 EXCHANGES
    602106 EXCHANGE
        (EXCHANGE OR EXCHANGES)
L17          278 SOLID STATE ION EXCHANGE
        (SOLID(W) STATE(W) ION(W) EXCHANGE)

=> s solid state ion exchange/ti
    253292 SOLID/TI
    39944 SOLIDS/TI
    292589 SOLID/TI
        ((SOLID OR SOLIDS)/TI)
    217874 STATE/TI
    108319 STATES/TI
    324455 STATE/TI
        ((STATE OR STATES)/TI)
    320022 ION/TI
    149286 IONS/TI
    460589 ION/TI
        ((ION OR IONS)/TI)
    129005 EXCHANGE/TI
    2833 EXCHANGES/TI
    131771 EXCHANGE/TI
        ((EXCHANGE OR EXCHANGES)/TI)
L18          94 SOLID STATE ION EXCHANGE/TI

```

((SOLID(W) STATE(W) ION(W) EXCHANGE) / TI)

=> s 118 and (silicates or clays)

64445 SILICATES

80466 CLAYS

L19 0 L18 AND (SILICATES OR CLAYS)

s 118 and intercallat?

25 INTERCALLAT?

L20 0 L18 AND INTERCALLAT?

=> s 118 and (intercallated or intercallation or  
intercallations)

5 INTERCALLATED

15 INTERCALLATION

2 INTERCALLATIONS

17 INTERCALLATION

(INTERCALLATION OR INTERCALLATIONS)

2 INTERCALLATIONS

L21 0 L18 AND (INTERCALLATED OR INTERCALLATION OR  
INTERCALLATIONS)

=> s 118 and copper

964065 COPPER

468 COPPERS

964132 COPPER

(COPPER OR COPPERS)

L22 14 L18 AND COPPER